



WFO, Rec'd PCT/PTO 19 APR 2007

PATENT APPLICATION  
U.S. Appln. No. 10/574,424  
Intl. Appln. No. PCT/IB04/03373  
Attorney Docket No. PP021401.0012

Express Mail Label No.: EM 028420728 US Date: April 19, 2007

**IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)**

In Re Application of: CONTORNI

U.S. Appln. No.: 10/574,424

Intl. Appln. No.: PCT/IB04/03373

I.A. Filing Date: October 4, 2004

Title: LIQUID VACCINES FOR MULTIPLE  
MENINGOCOCCAL SEROGROUPS

Confirmation No.: 7898

Group Art Unit: To Be Assigned

Examiner: To Be Assigned

**RESPONSE TO THE NOTIFICATION OF MISSING REQUIREMENTS**  
**UNDER 35 U.S.C. 371**

Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the "Notification of Missing Requirements Under 35 U.S.C. 371 in the United States Designated/Elected Office (DO/EO/US)", mailed February 20, 2007 from the United States Patent and Trademark Office, enclosed herewith are the following documents to complete the missing requirements in the above-identified application:

1. **RETURN COPY** of Notice to File Missing Parts of Nonprovisional Application.
2. **EXECUTED DECLARATION** (3 pages).
3. **SEQUENCE LISTING** in paper form (14 sheets) and computer readable form (1 CD) with Statements Under 37 C.F.R. §§1.821 (f) and (g).
4. **RETURN RECEIPT POSTCARD**

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The Commissioner is hereby authorized to charge any deficiency in fees or credit any overpayment associated with this communication and which may be required under 37 C.F.R. §§ 1.16 and 1.17 to Deposit Account No. 03-1664.

Respectfully submitted,  
NOVARTIS VACCINES AND DIAGNOSTICS, INC.

Date: April 19, 2007

By: H.L.  
Helen Lee  
Registration No. 39,270

Customer No. 37472  
NOVARTIS VACCINES AND DIAGNOSTICS, INC.  
Intellectual Property – R338  
P.O. Box 8097  
Emeryville, CA 94662-8097  
Telephone: (510) 923-2192  
Facsimile: (510) 655-3542



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
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U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/574,424	Mario Contorni	PP021401.0012

INTERNATIONAL APPLICATION NO.

PCT/IB04/03373

I.A. FILING DATE	PRIORITY DATE
10/04/2004	10/02/2003

27476  
 NOVARTIS VACCINES AND DIAGNOSTICS INC.  
 CORPORATE INTELLECTUAL PROPERTY R338  
 P.O. BOX 8097  
 Emeryville, CA 94662-8097

CONFIRMATION NO. 7898  
**371 FORMALITIES LETTER**



\*OC000000022555349\*

Date Mailed: 02/20/2007

**NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)**

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 04/04/2006
- Copy of the International Search Report filed on 04/04/2006
- Oath or Declaration filed on 04/04/2006
- U.S. Basic National Fees filed on 04/04/2006
- Priority Documents filed on 04/04/2006

DOCKETED on/by 8/27/07 *PL*  
 Atty. HL PA \_\_\_\_\_  
 File # PP 21401.0012  
 Due Date 4/20/07 Ext RSP, SL  
 Final Date 9/20/07 - RSP, SL

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date. The current oath or declaration does not comply with 37 CFR 1.497(a) and (b) in that it:
  - is not executed in accordance with either 37 CFR 1.66 or 37 CFR 1.68.
- This application clearly fails to comply with the requirements of 37 CFR 1.821-1.825. Applicant's attention is directed to the final rulemaking notice published at 55 FR 18230 (May 1, 1990), and 1114 OG 29 (May 15, 1990). If the effective filing date is on or after July 1, 1998, see the final rulemaking notice published at 63 FR 29620 (June 1, 1998) and 1211 OG 82 (June 23, 1998). If the effective filing date is on or after September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000). Applicant must provide an initial computer readable form (CRF) copy of the "Sequence Listing", an initial paper or compact disc copy of the "Sequence Listing", as well as an amendment specifically directing its entry into the application. Applicant must also provide a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). If applicant desires the sequence listing in the instant application to be identical with that of another application on file in the U.S. Patent and Trademark Office, such request in accordance with 37 CFR 1.821

- (e) may be submitted in lieu of a new CRF.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is cautioned that correction of the above items may cause the specification and drawings page count to exceed 100 pages. If the specification and drawings exceed 100 pages, applicant will need to submit the required application size fee.

**For questions regarding compliance to 37 CFR 1.821-1.825 requirements, please contact:**

- **For Rules Interpretation, call (571) 272-0951**
- **For Patentin Software Program Help, call Patent EBC at 1-866-217-9197 or directly at 703-305-3028 / 703-308-6845 between the hours of 6 a.m. and 12 midnight, Monday through Friday, EST.**
- **Send e-mail correspondence for Patentin Software Program Help @ [ebc@uspto.gov](mailto:ebc@uspto.gov)**

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web.  
<https://sportal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html>

For more information about EFS-Web please call the USPTO Electronic Business Center at 1-866-217-9197 or visit our website at <http://www.uspto.gov/ebc>.

**If you are not using EFS-Web to submit your reply, you must include a copy of this notice.**

VIRGINIA L IRBY

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Telephone: (703) 308-9140 EXT 229

**PART 1 - ATTORNEY/APPLICANT COPY**

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/574,424	PCT/IB04/03373	PP021401.0012

FORM PCT/DO/EO/905 (371 Formalities Notice)